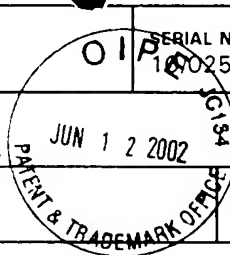


FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: June 12, 2002

ATTY DOCKET NO.
2001-1897APPLICANT
Makoto AKIZUKI et al.FILING DATE
December 26, 2001SERIAL NO.
16025,899GROUP
1762

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
BP	AJ	4-354865	12/1992	Japan			X
	AK	5-102083	4/1993	Japan			X
	AL	60-14440	1/1985	Japan			X
	AM	63-38232	2/1988	Japan			X
	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	
	AP	
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EXAMINER

Pianalto

DATE CONSIDERED

8-5-02

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
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10/025,899APPLICANT
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December 26, 2001GROUP
1762

JUN 05 2002

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
BP	AJ	3-6354	1/1991	Japan			X
BP	AK	9-118961	5/1997	Japan			X
	AL						
	AM						
	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
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EXAMINER

Pavallito

DATE CONSIDERED

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FORM PTO 1449 (modified)

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Date Submitted to PTO: December 26, 2001

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NEW- 10/025899

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December 26, 2001GROUP
1762JCS96 U.S. PTO
10/025899
12/26/01

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP	AA 5,459,326	10/1995	Yamada			
	AB 5,110,435	5/1992	Haberland			
	AC 5,350,607	9/1994	Tyson et al.			
	AD 4,624,859	11/1986	Akira et al.			
	AE 4,066,527	1/1978	Takagi et al.			
	AF 4,882,023	11/1989	Wendman			
	AG 4,812,326	3/1989	Tsukazaki et al.			

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BP	AH	"NEW HORIZONS IN MATERIALS PROCESSING WITH ICB", Isao Yamada, Proc. 14th Symp. on ISIAT '91, Tokyo, (1991), Ion Beam Engineering Experimental Laboratory, pp. 227-235. (No month avail.)
	AI	"IRRADIATION EFFECTS OF A MASS ANALYZED GAS CLUSTER ION BEAM ON SILICON SUBSTRATES", Y. Yamashita et al., Proc. 1st Meeting on IESI '92, Tokyo, Ion Beam Engineering Experimental Laboratory, pp. 247,250. (No month avail.)
	AJ	"Irradiation effects of gas-cluster Co ₂ ion beams on Si", I. Yamada et al., Nuclear Instruments and Methods in Physics Research B74 (1993) pp. 341-346. (No month avail.)
	AK	"Surface modification with gas cluster ion beams", I. Yamada et al., Nuclear instruments and Methods in Physics Research B79 (1993) pp. 223-226. (No month avail.)
	AL	"A Method and apparatus for surface modification by gas-cluster ion impact", J.A. Northby et al., Nuclear Instruments and Methods in Physics Research B79 (1993) pp. 336-340. (No month avail.)
	AM	"Cluster Formation in Expanding Supersonic Jets: Effect of Pressure, Temperature, Nozzle Size, and Test Gas", Hagena et al., The Journal of Chemical Physics, Vol. 56, No. 5, 1 March 1972, pp. 1793-1802.
	AN	"Micromachining with cluster ions", Henkes et al., Vacuum/volume 39, no. 6, pp. 541-542, 1989. (No month avail.)

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8-6-02

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APPLICANT
Makoto AKIZUKI et al.FILING DATE
December 26, 2001

GROUP

1762

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>BP</i>	AA	5,527,731	6/1996	Yamamoto et al.			
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>BP</i>	AJ	6-224146	8/1994	Japan			
	AK						
	AL						
	AM						
	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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	AQ	

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